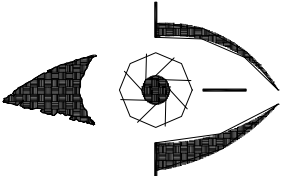


**USER
MANUAL**

Vista 15" TFT LCD MONITOR

MODEL: VF5M15



V I S T A

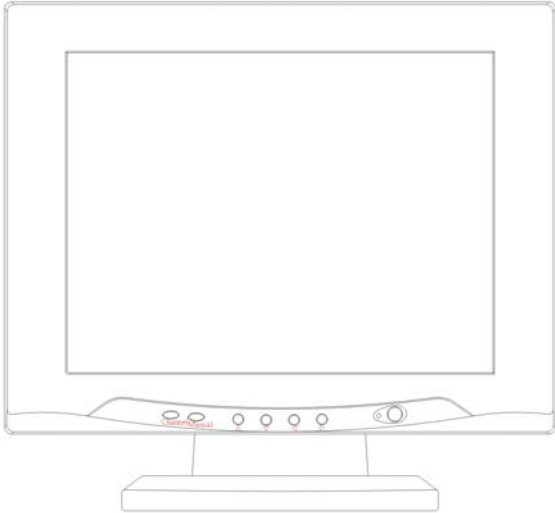


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FCC INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

Shielded interface cables and AC power cord, if any, must be used in order to comply with emission limits.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

SAFETY PRECAUTIONS

1. Do not modify the three-prong grounding type monitor power plug in any way.
2. Operate this unit only from the type of power source indicated on the label.
3. Do not block or cover ventilation openings on the back or bottom of the monitor cabinet.
4. Do not place this monitor near a radiator or heating vent.
5. Do not push objects of any kind through cabinet openings. This may result in fire or electrical shock.
6. Before adding attachments always ask a service technician to perform routine safety tests to determine that equipment is in safe operating condition. Ground potential tests should be part of the routine safety check made by the service technician.
7. Do not place monitor on an unstable cart, stand, or shelf where it may fall and injure personnel or damage equipment.

8. Route power cords so that they cannot be walked upon or tripped over. Do not allow anything to rest on the power cord.
9. Do not install monitor in wet areas, or where it may be exposed to rain or water. Do not spill liquid of any kind on the unit.
10. Unplug the power cord from the unit before cleaning the display. Use only a damp cloth. Do not use alcohol, spirits, or ammonia to clean the display. **DO NOT ATTEMPT TO CLEAN THE INTERIOR OF THIS UNIT-THIS ACTION MUST BE PERFORMED BY THE SERVICE TECHNICIAN AS REQUIRED DURING NORMAL MAINTENANCE.**
11. Refer all servicing to qualified service personnel. **REMOVAL OF BACK COVER BY UNAUTHORIZED PERSONNEL MAY EXPOSE THE USER TO DANGEROUS VOLTAGES OR OTHER HAZARDS.**
12. Unplug the unit immediately and notify the service technician.
 - A. If liquid has been spilled into the display or the display has been exposed to rain or water.
 - B. If the unit has been dropped or the cabinet damaged.
 - C. If fuses continue to blow.
 - D. If the power cord is damaged or frayed.
 - E. If a distinct change from normal operation is apparent.

When replacement parts are required, be sure that the service technician uses components specified by the manufacturer which have the same characteristics as the original parts. **UNAUTHORIZED SUBSTITUTIONS MAY RESULT IN FIRE, ELECTRICAL SHOCK OR OTHER HAZARDS.**

Upon completion of any service or repairs, ask the technician to perform safety checks to determine that the equipment is in safe operating condition.

WARNING: SERIOUS SHOCK HAZARDS EXIST WITHIN THE COVERS OF THIS MONITOR. DO NOT OPEN THE COVERS UNDER ANY CIRCUMSTANCES, THERE ARE NO USER SERVICEABLE COMPONENTS INSIDE

1. GENERAL FEATURES

This is a high performance 15" TFT LCD monitor with a 1024x768 XGA resolution. The LCD monitor has been designed for use with both PC and security systems, comply with the power management regulations of VESA DPMS, supported by Plug & Play, complying with DDC1/2B.

FEATURES
90~264V AC Power Supply
NTSC/PAL Auto-Detector
High Resolution
PC Input
Dual Video Input/Output
Dual Audio Input/Output
Y/C Input
Up to 16M Colors
Built-in Auto Channel Scanning
OSD With Multiple Languages
Wall Mountable

2.SETTING UP

Read this chapter for important safety information and how to set up and connect the display to your computer or camera.

- Check the attachment of monitor. There are power cord, user's manual and PC signal cable.
- Make sure the surface for placing the LCD monitor is stable and level.
- Keep the monitor away from sources of liquids and moisture.
- Keep the monitor's vents free from obstruction.
- If you will not be using the monitor and computer for a day or more, make sure to turn off the computer and turn off the main switch of the monitor.

2.1 CONNECT THE MONITOR TO YOUR COMPUTER

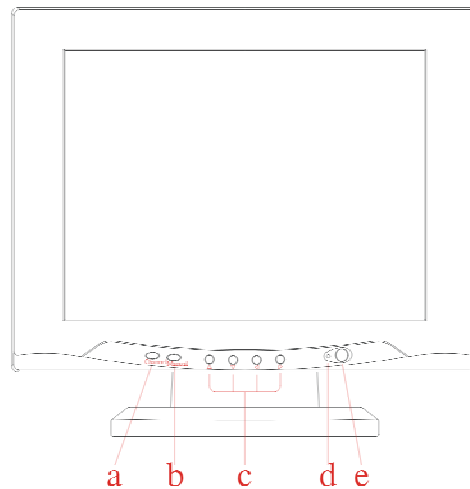
- Make sure the computer is turned off.
- Plug in the monitor.
- Connect the PC signal cable of the computer to the monitor.
- Turn on the computer.
- Turn on the main switch of the monitor.
- Push the power button in front of the monitor.
- Push the channel button to display PC input signal.

2.2 CONNECT THE MONITOR TO THE VIDEO SOURCE

- Plug in the monitor.
- Connect the video signal to the monitor.
- Turn on the main switch of the monitor.
- Push the power button in front of the monitor.
- Push the channel button to display video input signal.

3.CONTROLS AND INDICATORS

3.1 FRONT PANEL



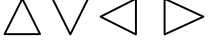

a. CHANNEL BUTTON

- Select channel ➤ Press this button to choose the channel to be displayed.
- Auto scan ➤ Press the button over 2 seconds until the power LED changes to yellow color.

b. MENU BUTTON

- Press the button to show the main OSD menu.
- Press the button for the second time to show the sub OSD menu after the main menu is elected.

c. BUTTONS

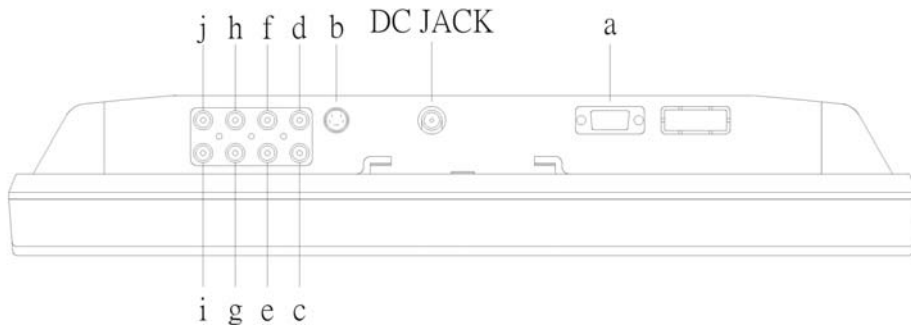
- Press  buttons to select an icon in the main menu.
- Press  buttons to adjust the selected icon value in sub menu.

d. POWER LED

- Green – Power on
- Dark – Power off
- Yellow – Auto scan mode
- Yellow (Flashing) – Power saving

e. POWER BUTTON ➤ Press the button to turn on or turn off the monitor.





3.1 BOTTOM PANEL

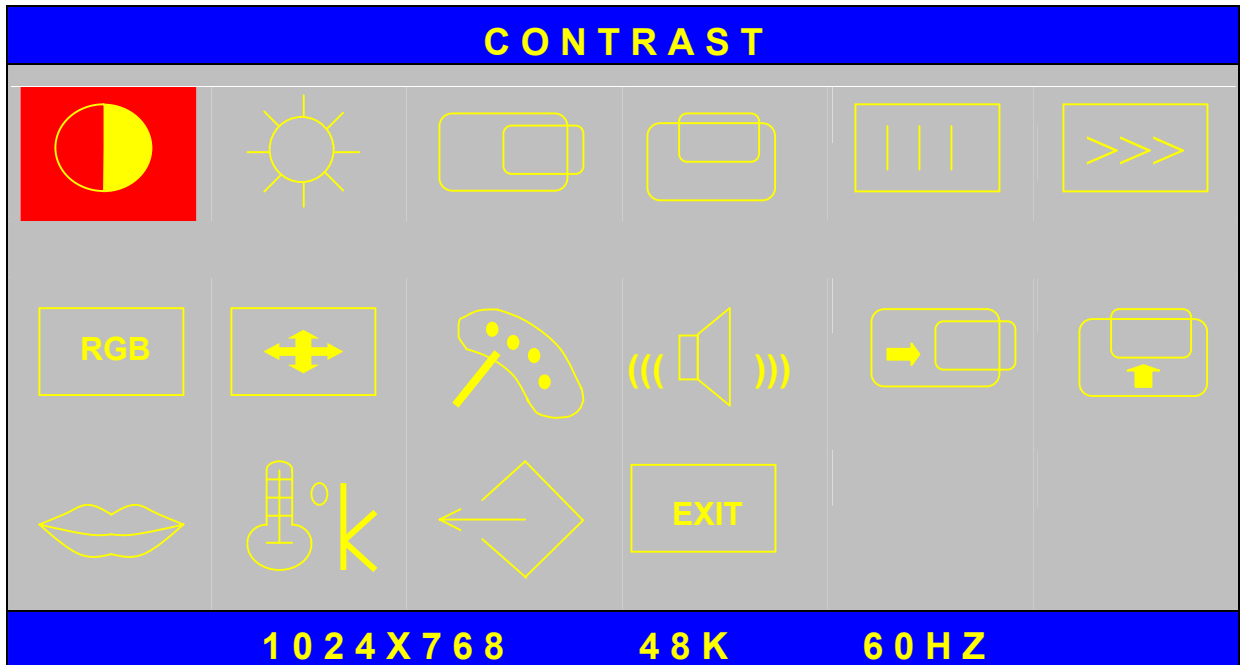




- a. PC input
- b. Y/C input
- c. Video(CVBS) 1 input
- d. Video(CVBS) 1 output
- e. Video(CVBS) 2 input
- f. Video(CVBS) 2 output
- g. Audio L input
- h. Audio L output
- i. Audio R input
- j. Audio R output

4 ON SCREEN DISPLAY (OSD)

4.1 PC MODE



Press     buttons to select an icon, then Press MENU button to change the values in the sub menu.





CONTRAST ➤ Press   buttons to adjust the contrast value, then press MENU button to return to the main menu.





MENU

BRIGHTNESS ➤ Press   buttons to adjust the brightness value, then press button to return to the main menu.





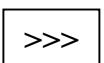
H POSITION ➤ Press   buttons to adjust the horizontal position value of the image, then press MENU button to return to the main menu.





V POSITION ➤ Press   buttons to adjust the vertical position value of the image, then press MENU button to return to the main menu.



PHASE ➤ Press   buttons to adjust the phase value, then press MENU button to return to the main menu.

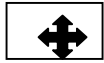


CLOCK ➤ Press   buttons to adjust the clock value, then press MENU button to

return to the main menu.



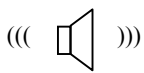
COLOR ➤ Press buttons to select a color and press buttons to adjust the value of selected color, then press MENU button to return to the main menu.



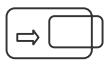
AUTO ADJUST ➤ Automatic adjusting of H position, V position, phase and clock values.



TRUE COLOR ➤ True color can upgrade the panel's color from 262K to 16M and vice versa.



VOLUME ➤ Press buttons to adjust the volume value, then press MENU button to return to the main menu.



OSD H POSITION ➤ Press buttons to adjust the horizontal location of OSD, then press MENU button to return to the main menu.



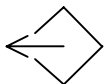
OSD V POSITION ➤ Press buttons to adjust the vertical location of OSD, then press MENU button to return to the main menu.



LANGUAGE ➤ Select the language to be used in OSD.



RECALL COLOR ➤ Recall the values of R,G,B colors. Set the color temperature of the LCD monitor for the CIE coordinate 9300°k or 6500°k.



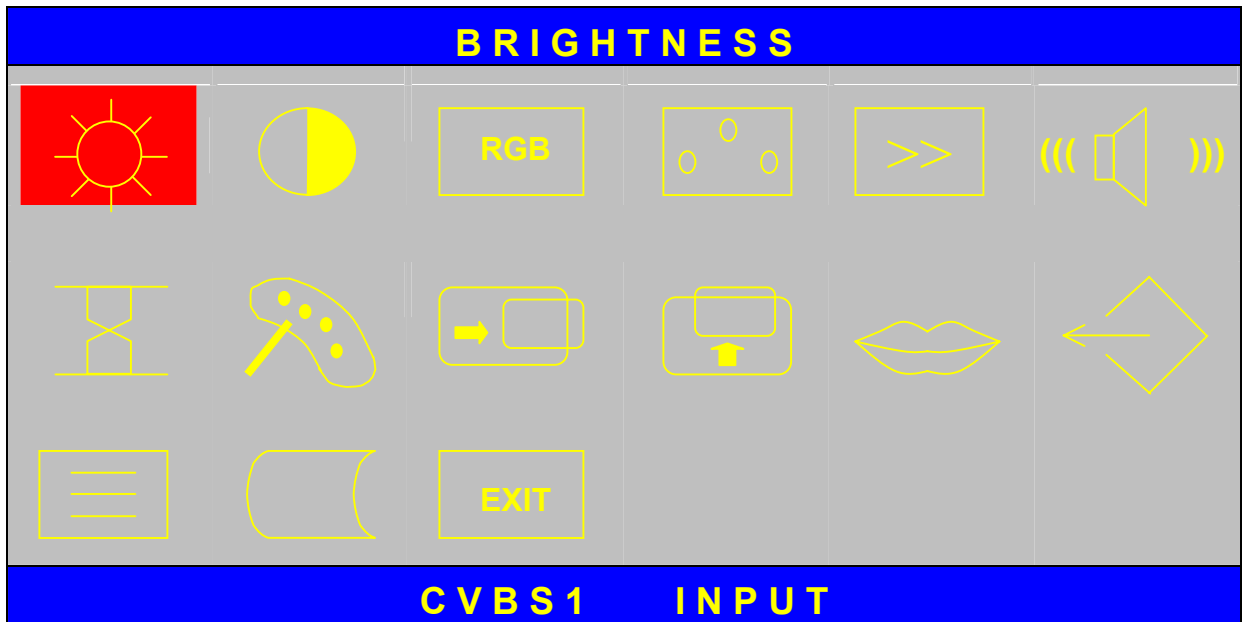
RECALL MODE DATA ➤ Recall the H position, V position, phase and clock values of the mode data.



EXIT ➤ Exit OSD menu.

4.2 Video mode

Press buttons to select a icon, then Press MENU button to change the values in sub menu.



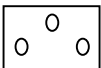
BRIGHTNESS ➤ Press buttons to adjust the brightness value, then press MENU button to return to the main menu.



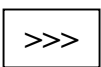
CONTRAST ➤ Press buttons to adjust the contrast value, then press MENU button to return to the main menu.



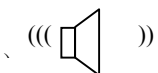
COLOR ➤ Press buttons to adjust the color value, then press MENU button to return to the main menu.



TINT ➤ Press buttons to adjust the tint value, then press MENU button to return to the main menu.



SHARPNESS ➤ Press buttons to adjust the sharpness value, then press MENU button to return to the main menu.



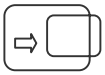
VOLUME ➤ Press buttons to adjust the volume value, then press MENU button to return to the main menu.



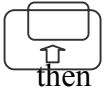
SEQUENCE TIME ➤ Press buttons to adjust the sequence time value, then press MENU button to return to the main menu. Sequence time is the displaying time for each channel in auto scan mode.



TRUE COLOR ➤ True color can upgrade the panel's color from 262K to 16M and vice versa.



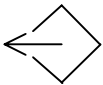
OSD H POSITION ➤ Press ◀ ▶ buttons to adjust the horizontal location of OSD, then press MENU button to return to the main menu.



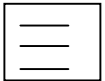
OSD V POSITION ➤ Press ◀ ▶ buttons to adjust the vertical location of OSD, then press MENU button to return to the main menu.



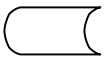
LANGUAGE ➤ Select the language to be used in OSD.



RECALL ➤ Reset all of the values to factory preset values.



TITLE ENABLE ➤ Enable to show the title message while OSD menu disappear.



TITLE EDITING ➤ Editing title message of the channel. Select a channel then press MENU button into next sub menu



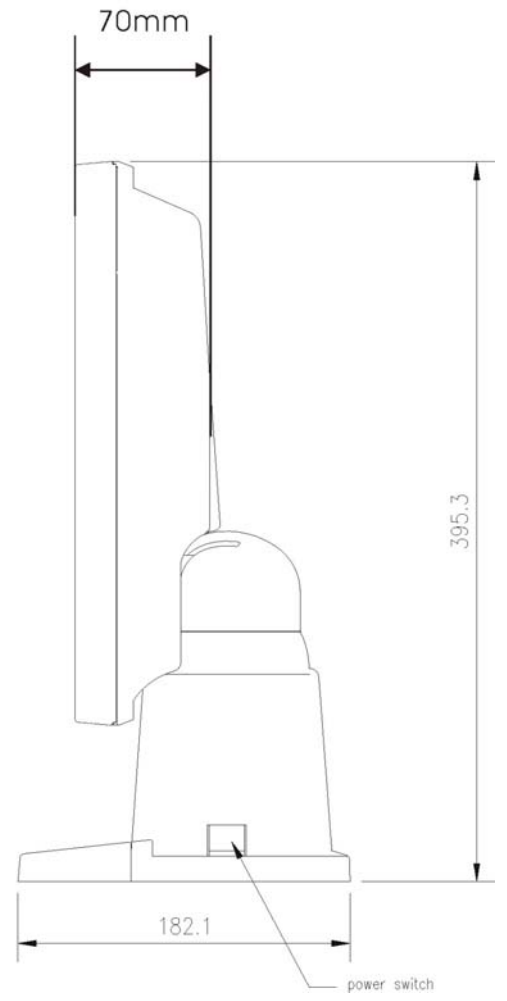
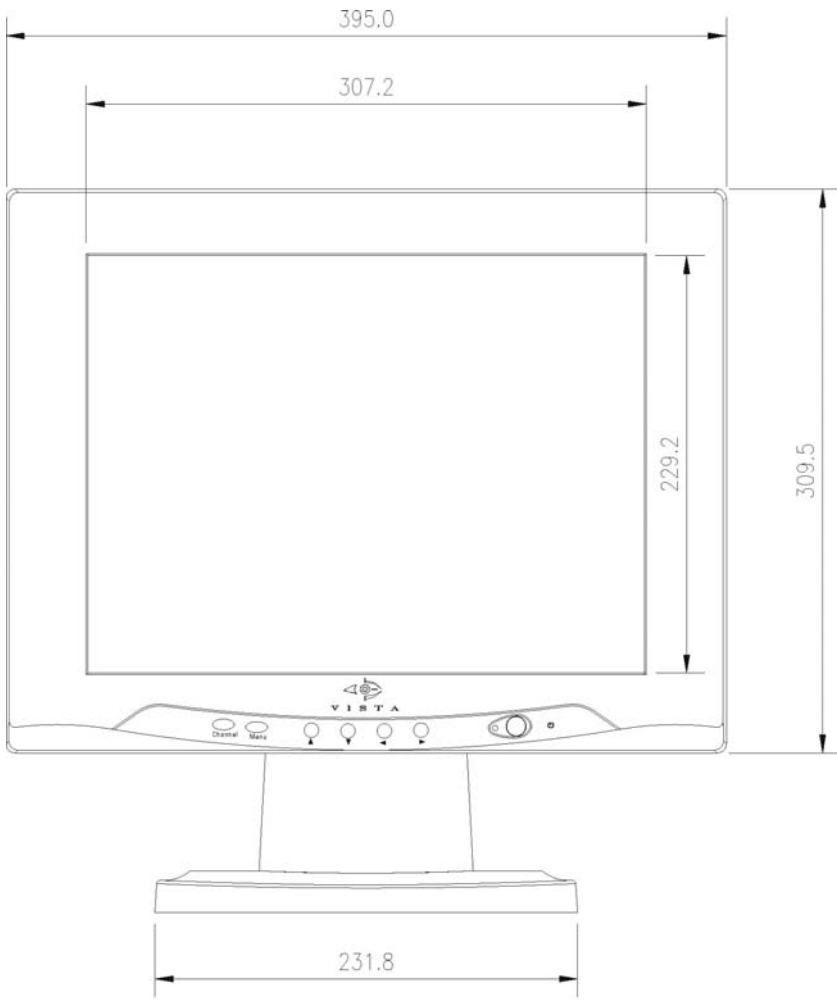
There are 16 characters that can be edited in each channel. Press ◀ ▶ buttons to select character on location and ▲ ▼ buttons to change the character in that location, then press MENU button to return to the sub menu.



EXIT ➤ Exit OSD menu.

5.SPECIFICATIONS

LCD Panel		Type	15" TFT Color		
		Colors	262K colors		
		Viewable Size	15" 304.1mm (H) x 228.1mm (V)		
		Dot Pitch	0.297mm x 0.297mm		
		Viewing Angle(L/R/T/B)	60/60/45/55		
		Contrast Ratio	300:1		
		Brightness	200 cd/m ²		
		Resolution	1024 x 768		
User's Controls		Power, Channel, Menu, Up, Down, Left, Right			
		Power, Auto_Adj, Menu, Up, Down, Left, Right			
Power		Input voltage	AC 90 to 264V (60 / 50Hz) or DC 12V		
		Consumption	Normal: 35W(max); Standby: 5W(max)		
Agency Approval		ETL, ETL-C, FCC, CE			
Others		Weight	5kg(NW), 6.5kg(GW)		
		Dimensions (WxHxD)mm	395x395.3x182.1(Physical), 468x508x268(Package)		
		Depth	70mm		
Operating Conditions		Temperature	10 ° to 40 °		
		Humidity	20 % to 85 % (Non-condensation)		
Storage Conditions		Temperature	-20 ° to 60 °		
		Humidity	5 % to 95 % (Non-condensation)		
Audio	Input	Audio x 2	Level□0.7V _{p-p} / 1KHz (typical), RCA Jack		
	Output	Audio x 2	Loop-through type, RCA Jack		
	Capability	Stereo 2 x 1 watts, built-in speakers			
Video	Input	Video(CVBS) x 2	Composite video□1.0V _{p-p} / 75Ω, RCA Jack		
		Y/C x 1	Level□1.0V _{p-p} / 75Ω, Mini-din 4pin connector		
	Output	Video(CVBS) x 2	Loop-through with buffered circuit, RCA Jack		
	OSD	Brightness, Contrast, Color, Tint, Sharpness, Volume, Sequence Time True Color, OSD H Position, OSD V Position, Language, Recall, Title Enable Title Editing, Exit			
	Compatibility	Operation System	NTSC M / PAL BGHI		
		Scanning Frequency	NTSC□15750Hz ± 500Hz / 60Hz PAL□15625Hz ± 500Hz / 50Hz		
PC	Input	Analog RGB signal : 0.707V _{p-p} / 75Ω, D-sub 15 pin			
	OSD	Contrast, Brightness, H Position, V Position, Phase, Clock, Color, Auto Adjust True Color, Volume, OSD H Position, OSD V Position, Language, Recall Color Recall Mode Data, Exit			
	Plug & Play	DDC1/2B			
	Power Management	VESA DPMS			
	Supported Timing	640x350x70Hz	640x400x56Hz	640x400x70Hz	
		640x480x60Hz	640x480x66Hz(MAC)	640x480x72Hz	
		640x480x75Hz	640x480x85Hz	720x400x70Hz	
		720x400x85Hz	800x600x56Hz	800x600x60Hz	
		800x600x72Hz	8800x600x75Hz	800x600x85Hz	
832x624x75Hz(MAC)		1024x768x60Hz	1024x768x70Hz		
1024x768x75Hz		1024x768x75Hz(MAC)	1024x768x85Hz		



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